

**AMENDMENT TO**  
**RULES COMMITTEE PRINT 117-31**  
**OFFERED BY MR. SOTO OF FLORIDA**

At the end of division J, add the following new title:

**1     TITLE V—AI JOBS ACT OF 2021**

**2     SEC. 90501. SENSE OF CONGRESS.**

3        It is the sense of Congress that technology can im-  
4 prove the lives of individuals, but can also disrupt jobs,  
5 and for this reason, innovation should be encouraged while  
6 training and retraining American workers for our 21st  
7 century economy.

**8     SEC. 90502. REPORT ON ARTIFICIAL INTELLIGENCE.**

9        (a) REPORT REQUIREMENTS.—Not later than 1 year  
10 after the date of the enactment of this Act, the Secretary  
11 of Labor, in collaboration with the individuals and entities  
12 described in subsection (b), shall prepare and submit to  
13 the Committee on Education and Labor of the House of  
14 Representatives and the Committee on Health, Education,  
15 Labor, and Pensions of the Senate, a report on artificial  
16 intelligence and its impact on the workforce, which shall  
17 include the following:

1           (1) Outline the specific data, and the avail-  
2           ability of such data, necessary to properly analyze  
3           the impact and growth of artificial intelligence.

4           (2) Identification of industries that are pro-  
5           jected to have the most growth in artificial intel-  
6           ligence use, and whether the technology will result in  
7           the enhancement of workers' capabilities or their re-  
8           placement.

9           (3) Analysis of the expertise and education (in-  
10          cluding computer science literacy) needed to develop,  
11          operate, or work alongside artificial intelligence over  
12          the next two decades, as compared to the levels of  
13          such expertise and education among the workforce  
14          as of the date of enactment of this Act.

15          (4) Analysis of which demographics (including  
16          ethnic, gender, economic, age, and regional) may ex-  
17          perience expanded career opportunities, and which  
18          such demographics may be vulnerable to career dis-  
19          placement, due to artificial intelligence.

20          (5) Any recommendations to alleviate workforce  
21          displacement, prepare future workforce members for  
22          the artificial-intelligence economy, and any other rel-  
23          evant observations or recommendations within the  
24          field of artificial intelligence.

1 (b) COLLABORATION.—In preparing the report under  
2 subsection (a), the Secretary of Labor shall collaborate,  
3 through a series of public meetings, roundtables or other  
4 methods, with—

5 (1) local educational agencies, institutions of  
6 higher education (including community colleges),  
7 workforce-training organizations, and National Lab-  
8 oratories;

9 (2) a broad range of industrial stakeholders in  
10 the technology, manufacturing, and service sectors,  
11 including companies (large and small), think tanks,  
12 and industry organizations; and

13 (3) the Secretary of Commerce and the heads  
14 of any other Federal agency the Secretary of Labor  
15 determines appropriate.

16 **SEC. 90503. DEFINITIONS.**

17 In this title:

18 (1) ARTIFICIAL INTELLIGENCE.—The term “ar-  
19 tificial intelligence” means systems that—

20 (A) think like humans (including cognitive  
21 architectures and neural networks);

22 (B) act like humans (such as passing the  
23 Turing test using natural language processing,  
24 knowledge representation, automated reasoning,  
25 and learning);

1 (C) think rationally (such as logic solvers,  
2 inference, and optimization);

3 (D) act rationally (such as intelligent soft-  
4 ware agents and embodied robots that achieve  
5 goals via perception, planning, reasoning, learn-  
6 ing, communicating, decision making, and act-  
7 ing); or

8 (E) automate or replicate intelligent behav-  
9 ior.

10 (2) COMMUNITY COLLEGE.—The term “commu-  
11 nity college” has the meaning given the term “junior  
12 or community college” in section 312(f) of the High-  
13 er Education Act of 1965 (20 U.S.C. 1058(f)).

14 (3) INSTITUTION OF HIGHER EDUCATION.—The  
15 term “institution of higher education” has the  
16 meaning given the term in section 102 of the Higher  
17 Education Act of 1965 (20 U.S.C. 1002).

18 (4) LOCAL EDUCATIONAL AGENCY.—The term  
19 “local educational agency” has the meaning given  
20 the term in section 8101 of the Elementary and Sec-  
21 ondary Education Act of 1965 (20 U.S.C. 7801).

